

Amendments to the Claims:

The listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1. (Currently Amended) A waterproof patient handset, comprising:
 - an enclosure having a front face;
 - a speaker contained within the enclosure, the enclosure comprising a plurality of holes sufficient to allow sound to pass from the speaker through the enclosure, the plurality of holes in the enclosure covering less than the entire front face of the enclosure; and
 - a foil having a first side and a second side and placed on the enclosure over the holes, and only attached to the enclosure at the first side's foil's perimeter such that the foil seals the speaker against intrusion by a liquid and so that an inner portion of the foil is not attached to the enclosure and is free to vibrate, thereby acting as a second diaphragm for the speaker, the second side not being attached to anything, the foil covering only an area of the enclosure proximate to the plurality of holes in the enclosure.
2. (Canceled)
3. (Original) The handset of claim 1, the foil being round and being glued only at about the outer 2 to 3 mm of the foil.
4. (Original) The handset of claim 1, the enclosure having about thirty of said holes, each hole having a diameter of about 1 mm.
5. (Original) The handset of claim 1, further comprising:
 - a protection plate which sits between the enclosure and the speaker, providing mechanical protection for the speaker, the protection plate comprising a plurality of holes which allow the passage of sound, said holes being offset from the holes in the enclosure.
6. (Original) The handset of claim 5, the protection plate also serving as a magnetic shield.

7. (Original) The handset of claim 1, the enclosure comprising a first cover and a second cover, the second cover having at least one boss which is inserted through a hole in a printed circuit board (PCB), the boss having a deformable rib.
8. (Original) The handset of claim 7, the PCB deforming the rib when the PCB is pressed with the first cover against the rib.
9. (Currently Amended) A waterproof patient handset, comprising:
 - an enclosure having a front face;
 - a speaker contained within the enclosure, the enclosure comprising a plurality of holes sufficient to allow sound to pass from the speaker through the enclosure, the plurality of holes in the enclosure covering less than the entire front face of the enclosure;
 - a foil having a first side and a second side and placed on the enclosure over the holes, and only attached to the enclosure at the first side's foil's perimeter such that an inner portion of the foil is not attached to the enclosure and is free to vibrate, thereby acting ~~[[acts]]~~ as a second membrane for the speaker, the foil sealing the speaker against intrusion by a liquid, the second side not being attached to anything, the foil covering only an area of the enclosure proximate to the plurality of holes in the enclosure; and
 - a magnetic shield located between the enclosure and the speaker, providing mechanical protection for the speaker, the magnetic shield comprising a plurality of holes which allow the passage of sound, said holes being offset from the holes in the enclosure.
10. (Original) The waterproof patient handset of claim 9, the enclosure comprising a first cover and a second cover, and the second cover having at least one boss which is inserted through a hole of a printed circuit board (PCB), said boss having at least one deformable rib which is deformed when the PCB is pressed with the first cover against the rib, until the first cover meets the boss.

11. (Currently Amended) A waterproof patient handset, comprising:
enclosure means having a front face;
audio means contained within the enclosure means, the enclosure means allowing sound to pass from the audio means through a plurality of holes in the enclosure means;
waterproofing means having a first side and a second side and placed on the enclosure means, said waterproofing means covering only an area of the enclosure means proximate to the plurality of holes in the enclosure means and only attached to the enclosure at the first side's perimeter such that an inner portion of the waterproofing means is not attached to the enclosure and is free to vibrate, thereby acting as a second membrane for the audio means, the second side of the waterproofing means not being attached to anything; and
protection means located between the enclosure means and the audio means, providing mechanical protection for the audio means and allowing passage of sound from the audio means to the waterproofing means.
12. (Original) The waterproof patient handset of claim 11, the enclosure means comprising a front cover and a back cover, the back cover having fastening means which are deformed when a printed circuit board (PCB) is pressed with the front cover, the front cover being fastened to the back cover using said fastening means, the PCB being installed therein, such that the distance between a top surface of the PCB and the front cover is within a certain margin of error regardless of the PCB's thickness.
13. (Currently Amended) A method for waterproofing a patient handset, comprising:
enclosing a speaker within the handset;
providing a plurality of holes in the handset enclosure sufficient to allow sound to pass from the speaker through the enclosure; and
placing a foil having a first side and a second side only on a portion the enclosure proximate to the holes sufficient to cover the holes by only attaching the foil to the enclosure at the first side's foil's perimeter such that an inner portion of the foil is not attached to the enclosure and is free to vibrate, thereby acting [[acts]] as a second membrane for the speaker, the

second side not being attached to anything, the foil sealing the speaker against intrusion by a liquid.

14. (Previously presented) The handset of claim 1, where a protection plate sits between the foil and the speaker.

15. (Previously presented) The handset of claim 8, where the boss comprises a plurality of deformable ribs.

16. (Canceled)

17. (Canceled)

18. (Canceled)

19. (Canceled)

20. (Canceled)

21. (Canceled)

22. (Canceled)

23. (New) The handset of claim 1, where the first side of the foil is directly attached to the enclosure;

wherein the first side of the foil is attached to the enclosure only using an adhesive; and
wherein the enclosure provides the only support for the first side of the foil.

24. (New) The handset of claim 1, where the front face of the enclosure includes an indentation on which at least a portion of the foil abuts.

25. (New) The handset of claim 24, where a transition from the enclosure to at least a portion of the perimeter of the foil is substantially smooth.
26. (New) The handset of claim 24, where the indentation abuts along an entire perimeter of the foil.
27. (New) The waterproof patient handset of claim 9, where the front face of the enclosure includes an indentation on which at least a portion of the foil abuts.
28. (New) The waterproof patient handset of claim 27, where a transition from the enclosure to at least a portion of the perimeter of the foil is substantially smooth.
29. (New) The waterproof patient handset of claim 27, where the indentation abuts along an entire perimeter of the foil.
30. (New) The waterproof patient handset of claim 11, where the front face of the enclosure includes an indentation on which at least a portion of the foil abuts.
31. (New) The method of claim 13, where the enclosure includes an indentation on a front face of the enclosure; and
where the foil is placed on the indentation such that the indentation abuts along an entire perimeter of the foil.